

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON, D.C. 20554

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News media information 202/418-0500 Fax-On-Demand 202/418-2830

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## Report No. 382                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 8/1/05 to 9/1/05:

- **WD2XTH WISCONSIN, UNIVERSITY OF-EAU CLAIRE 0189-EX-PL-2005**  
New experimental to operate in 6000-18500 kHz, 12.5-37.5 MHz, 25-74.6 MHz, 50-150 MHz and 100-300 MHz for research into using ground penetrating radar for quarry operations.  
Fixed: Menomonie, WI
- **WA2XMN SOLID ELECTRONICS LABORATORIES 0213-EX-PL-2005**  
New experimental to operate on 42.8 MHz to commemorate Major E. H. Armstrong's first wideband FM broadcast.  
Fixed: Alpine (Bergen), NJ
- **WD2XTL TURNER BROADCASTING SYSTEM, INC. 0220-EX-PL-2005**  
New experimental to operate in 2110-2120 MHz for test and development of 3G technologies.  
Fixed: Atlanta, GA
- **WD2XSY NEXTNET WIRELESS, INC. 0193-EX-PL-2005**  
New experimental to operate on 2363, 2369, 2375 and 2381 MHz for OFDM field tests of microwave broadband access data communications equipment for export.  
Mobile: Waseca (WASECA), MN
- **WD2XTA NETWORK INSIGHT 0177-EX-PL-2005**  
New experimental to operate in 3650-3700 MHz to test WiMax involving subscriber-to-base station, bandwidth/throughput and Voice over IP (VoIP).  
Mobile: Beverly Hills (LOS ANGELES), CA
- **WD2XTC SKYTEL CORP. 0212-EX-PL-2005**  
New experimental to operate in 3650-3700 MHz for test and development of wireless broadband technologies.  
Fixed: Clinton, MS
- **WD2XTU PART-15.ORG 0252-EX-PL-2005**  
New experimental to operate in 3650-3700 MHz for testing high speed NLOS wireless data transmissions using Time Division Duplex technology.  
Mobile: Aurora (Kane), IL
- **WD2XSX SKYTEL CORP. 0204-EX-PL-2005**  
New experimental to operate in 4940-4965 MHz for test and development of wideband networks.  
Fixed: Clinton, MS
- **WD2XST PATHFINDER TECHNOLOGY 0197-EX-PL-2005**  
New experimental to operate a low power X-band radar on 9700 MHz for laboratory tests for the AC-130U Gunship AN/APQ-180 system.  
Mobile: Colorado Springs, CO

- **WD2XTB RAYSAT, INC. 0216-EX-PL-2005**

New experimental to operate in 14000-14500 MHz for test and development of antenna for VSATs.  
Mobile: Continental United States

- **WD2XSK BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0173-EX-PL-2005**

New experimental to operate in 20.2-21.2 GHz for equipment testing.  
Fixed: Wayne (Passaic), NJ